# Split Tube Furnace LX455TF

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## Description

Split Tube Furnace LX455TF is a horizontal oriented chamber with a rapid heating speed of 15 to 30 mins from RT to 1150°C. Built-in programmable temperature control with a facility for setting the heat curve for a 30 segments programme. Facility to open and close the furnace body for observation of samples. Facilitated with sound and light alarm with a stop in heating function when temperature exceeds the desired temperature.

## Specifications

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| **Tube size** | ⦰ 40 x 600 |
| **Maximum temperature** | 1200 °C |
| **Working temperature** | 1150 °C |
| **Heating speed** | 15 ~ 30 mins |
| **Heating zone** | Single zone |
| **Quartz tube size** | ⦰ 10 mm ~ 500 mm |
| **Chamber material** | Alumina Ceramic Fiber |
| **Thermocouple** | K style |
| **Heating element** | HRE |
| **Temperature precision** | ± 1 °C |
| **Voltage** | 220 V |
| **Power** | 2 kW |

## Features

- Maximum temperature - 1150°C
- Number of heated zones: Single zone
- Pneumatic arm rod for easy opening of lid
- Independent temperature controller ( 2 groups and 8 segments )
- Vacuum pressure gauge for indication of vacuum pressure
- Over temperature sound and light alarm on exceeding the desired temperature
- Digital accuracy control gas flow meter and inlet gas ( optional )

## Applications

- Used for mechanical testing at different temperatures with very slow to very rapid heat-up rates

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